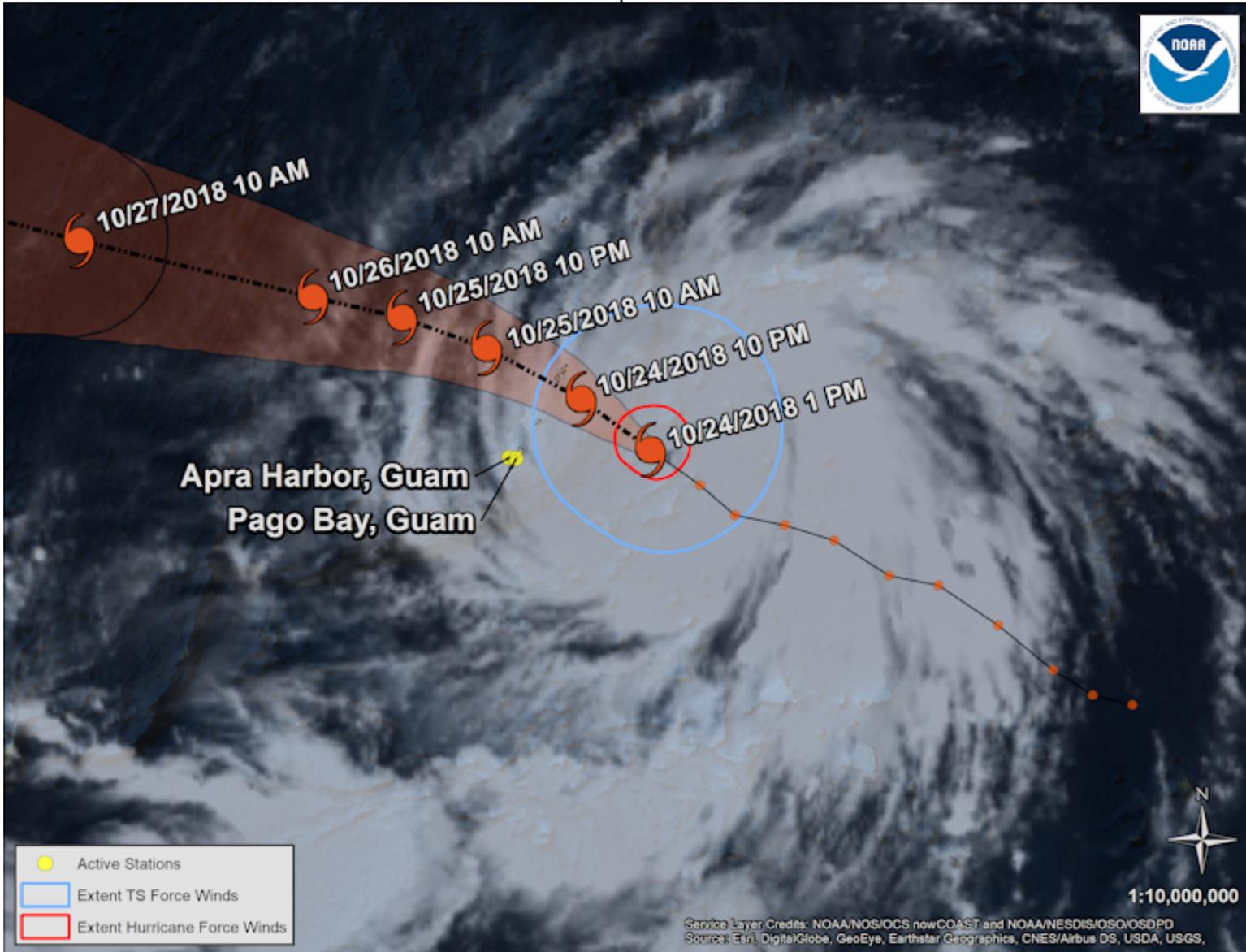




Typhoon Yutu QuickLook
Posted: 14:00 ChST 10/24/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/24/2018 14:00 ChST, water levels at Pago Bay, on the eastern side of Guam remain elevated between 0.5 and 1.0 feet above normal tide levels. Water levels at Apra Harbor, on the west side of the island are also elevated slightly above normal tide levels as the station approaches low tide over the next few hours.

Winds have continued to increase at Apra Harbor and range between 20 and 25 knots with gusts over 30 knots measured over the past 6 hours. Winds at Pago Bay are still generally below 10 knots, though gusts over 15 knots have been measured. Barometric pressure is falling at the two stations on the island.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: PFF

Select National Weather Service Guam Advisory Information:

Super Typhoon Yutu (31W) Advisory Number 11
National Weather Service Tiyan GU WP312018
135 PM ChST Wed Oct 24 2018

Correction to time of location

...YUTU UPGRADED TO SUPER TYPHOON...

CHANGES WITH THIS ADVISORY

None.

WATCHES AND WARNINGS

Typhoon warnings remain in effect for Rota, Tinian and Saipan.

A Tropical Storm Warning remains in effect for Guam, Alamagan, Pagan, and Agrihan.

Typhoon conditions are expected this evening through late Thursday morning at Rota, Tinian and Saipan.

Tropical storm conditions are expected for Guam late this afternoon through Thursday evening.

Tropical storm conditions are expected at Alamagan, Pagan, and Agrihan around midnight tonight through late Thursday evening.

SUMMARY OF 1243 PM CHST...0243 UTC...INFORMATION

Location...13.6N 147.7E

About 170 miles east-southeast of Rota
About 170 miles southeast of Tinian
About 170 miles southeast of Saipan

About 190 miles east of Guam
About 305 miles south-southeast of Alamagan
About 335 miles south-southeast of Pagan
About 385 miles south-southeast of Agrihan

Maximum sustained winds...150 mph
Present movement...northwest...295 degrees at 12 mph

DISCUSSION AND OUTLOOK

At 1243 PM CHST...0243 UTC...the eye of Super Typhoon Yutu was located by radar near Latitude 13.6 degrees North and Longitude 147.7 degrees East. Yutu is moving west-northwest at 12 mph and is expected to continue this motion through Friday. The current track brings Yutu just south of Tinian early Thursday morning.

Maximum sustained winds have increased to 150 mph. Yutu is expected to continue intensifying through at least Friday and is forecast to pass near Tinian as a extremely dangerous category 5 typhoon.

Typhoon force winds extend outward from the center up to 65 miles. Tropical storm force winds extend outward from the center up to 205 miles.

NEXT ADVISORY

An intermediate advisory will be issued by the National Weather Service at 500 PM ChST followed by the next scheduled advisory at 800 PM ChST.

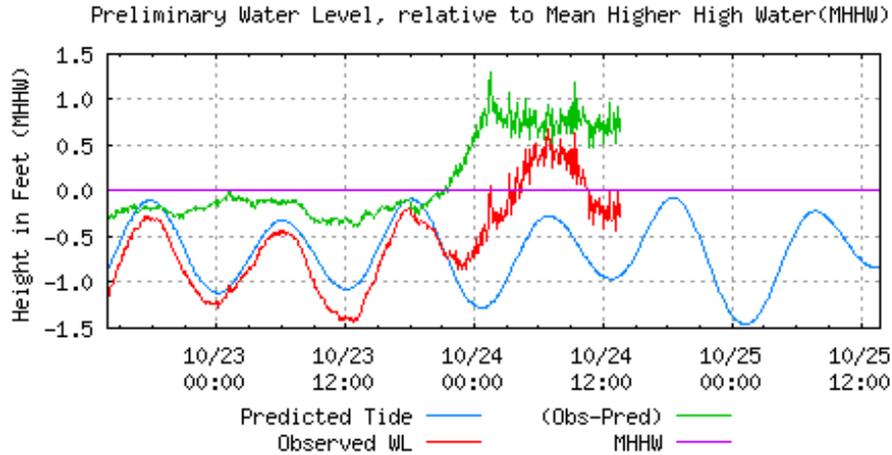
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Ziobro

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

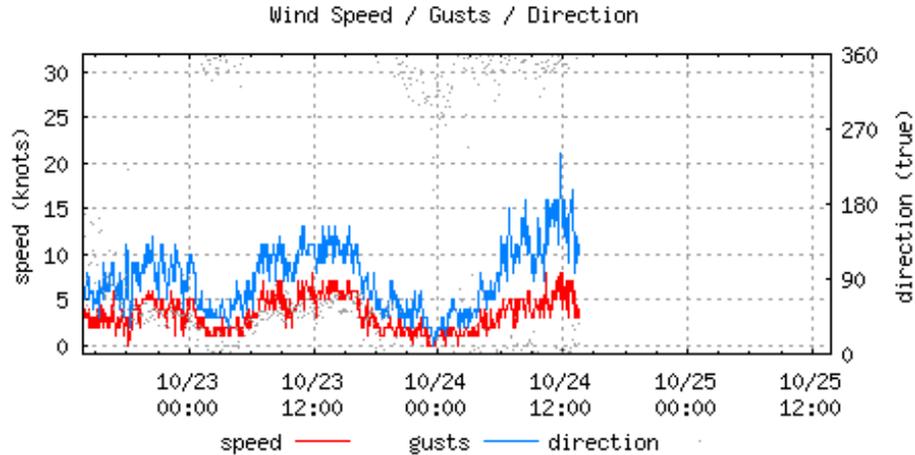
Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



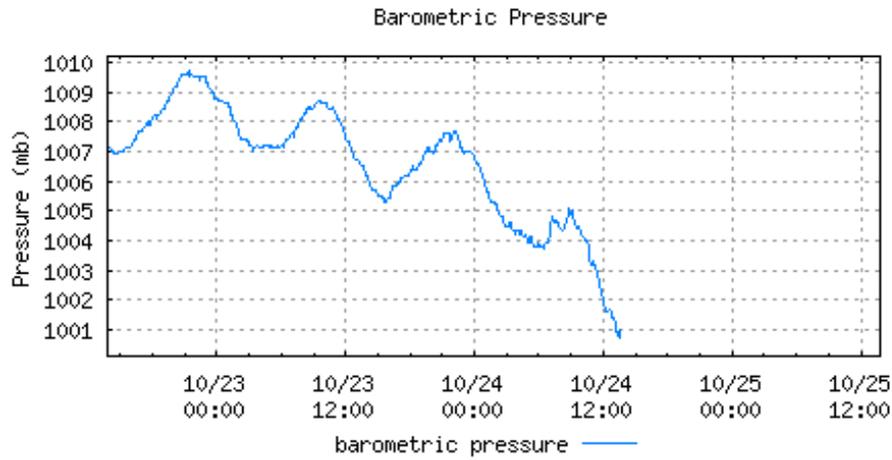
Last Observed Sample: 10/24/2018 13:36 (ChST). Data relative to MHHW
Observed: -0.18 ft. Predicted: -0.92 ft. Residual: 0.74 ft.
 Historical Maximum Water Level: Oct 20 2004, 2.40 ft.
 Next High Tide: 10/24/2018 18:31 (ChST), -0.07 ft.

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 13:36 (ChST)
Wind Speed: 3 knots Gusts: 10 knots Direction: 37° T

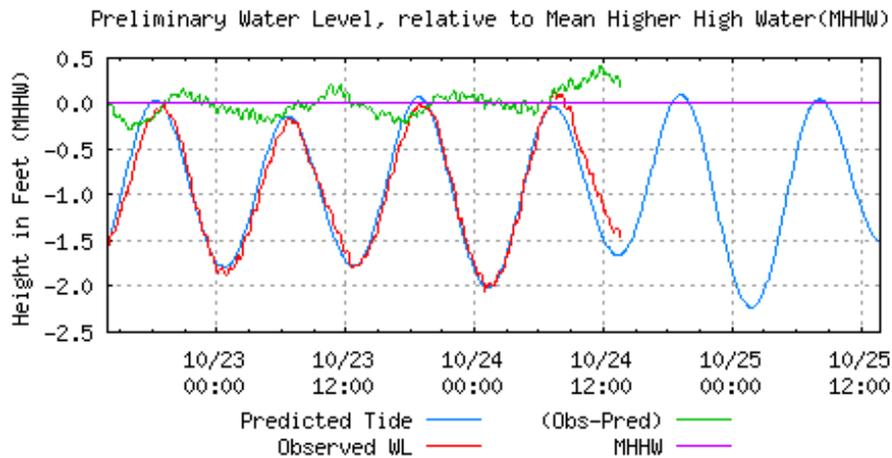
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 13:36 (ChST)

Barometric Pressure: 1001.0 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



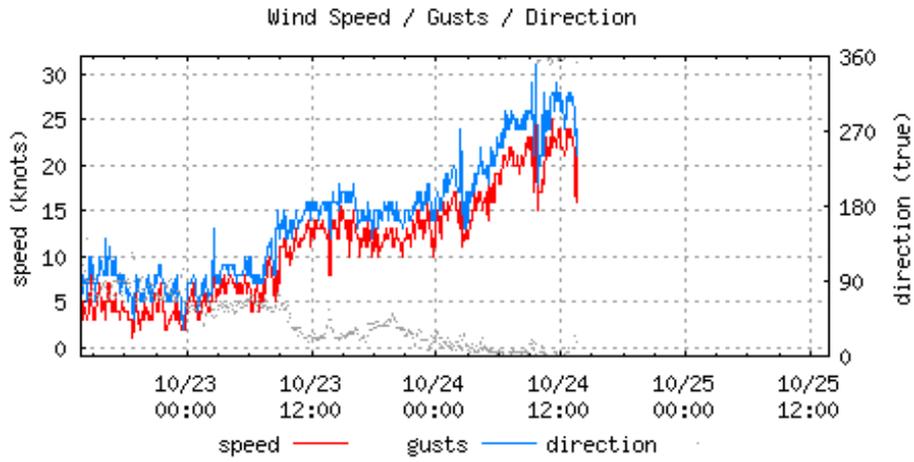
Last Observed Sample: 10/24/2018 13:36 (ChST). Data relative to MHHW

Observed: -1.47 ft. Predicted: -1.66 ft. Residual: 0.19 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 10/24/2018 19:14 (ChST), 0.10 ft.

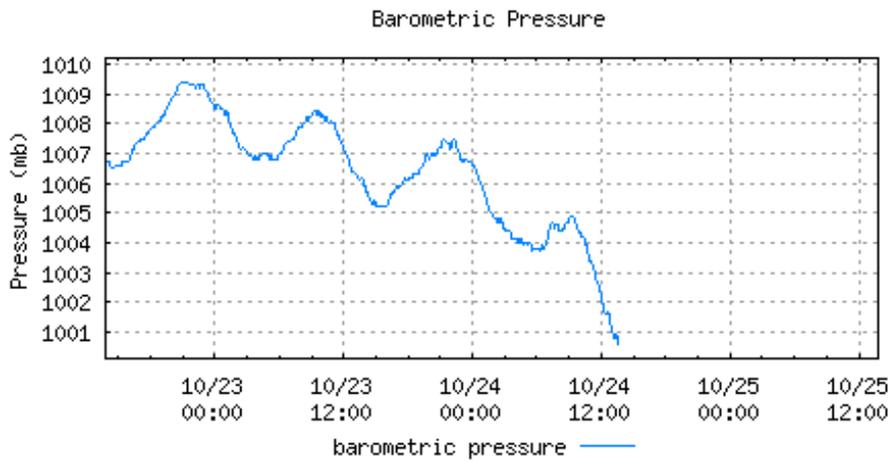
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 13:36 (ChST)

Wind Speed: 21 knots Gusts: 24 knots Direction: 353° T

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 13:36 (ChST)

Barometric Pressure: 1000.6 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	10/24/2018 13:36 (ChST)	-0.18 ft	-0.92 ft	0.74 ft	0.68 ft
1630000	Apra Harbor, Guam	10/24/2018 13:36 (ChST)	-1.47 ft	-1.66 ft	0.19 ft	0.13 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce